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Международная
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منظمة الطيران
المدني الدولي

国际民用
航空组织

Ref.: LN3/24.1 – SA5126

Lima, 9 April 2018



To: Mr. Frédéric Guignier, Regional Director of Civil Aviation Authority (DSAC)
for French Antilles and French Guiana
Mr. Jerome Journet, Regional Director, West Indies and French Guiana
Lt. Col. Egbert Field, Guyana Civil Aviation Authority
Mr. Jerry Miranda, Ministry of Public Works, Suriname

Subject: **RLA/06/901 – Assistance for the implementation of a regional ATM system based on the ATM operational concept and the corresponding technological support for communications, navigation, and surveillance (CNS)**
CAR/SAM Seminar on Space Weather and ICAO Weather Information Exchange Model (IWXXM) (Panama City, Panama, 16 to 20 July 2018)

Action

Required: 1) Submission of presentations by the deadlines provided in this letter
2) Register participation by **2 July 2018**

Sir/Madam:

I have the honour to inform you that following the programme of activities of this Office for 2018, the Seminar on Space Weather and ICAO Weather Information Exchange Model (IWXXM) will be held in Panama City, Panama from 16 to 20 July 2018, with the support of Regional Project RLA/06/901 - *Assistance for the implementation of a regional ATM system based on the ATM operational concept and the corresponding technological support for communications, navigation, and surveillance (CNS)*.

The objective of this seminar is to provide the States of the SAM Region with tools and capabilities with which they can deal with the forecast of the conditions of space weather and the implementation of the ICAO Weather Information Exchange Model (IWXXM).

In this regard, I am pleased to invite your Administration to participate in this seminar, taking into consideration that it is addressed to the professional staff of the technical area dedicated to the management of meteorological information. The seminar will be conducted in Spanish and English with simultaneous interpretation services.

Enclosed you will find the *Tentative Agenda* of the seminar (**Attachment A**), as well as the *Registration Form* (**Attachment B**), which you are kindly requested to complete for each participant and return to this Office by e-mail, icaosam@icao.int, by 02 July 2018.

In that sense, it is important to mention that this event has been covered thanks to the contribution of your State, taking into account that part of the annual quota that was sent to the International Civil Aviation Organization (ICAO) has an item established for this purpose.

The general information on the venue of the seminar can be found in ICAO SAM Office website, <https://www.icao.int/SAM/Pages/default.aspx>. As well, other documentation related with the event will be published in this website, option *Meetings*, as soon as available. No documentation is foreseen for distribution during the development of the event, therefore, it is recommended that participants bring a lap-top, or print the related documentation.

States are also invited to share their experience on Space Weather and IWXXM , and support the seminar with a presentation. Presentations that your Administration may wish to submit at the seminar should be forwarded to this Regional Office by e-mail in PowerPoint format by 2 July 2018, to icaosam@icao.int, copied to Mr. Jorge Armoa, ICAO SAM Regional Officer, Aeronautical Information Management and Aeronautical Meteorology, jarmoa@icao.int, who could provide any further information regarding the event, if necessary.

Please accept the assurances of my highest consideration.

The image shows a handwritten signature in blue ink over the official logo of the International Civil Aviation Organization (ICAO). The logo features a globe with wings and the text 'ICAO OACI ICAO' at the top and '国际民航组织' at the bottom.

Fabio Faizi Rahnemay Rabbani
Regional Director
ICAO South American Office
Lima

cc: Mr. Claude Miquel, Deputy Director, Antilles-Guyane, French Antilles
Mr. Michel Arenó, Head of French Guiana Air Control Centre Cayenne-Félix Eboué Airport, Head of the Aircraft Search and Rescue RCC
Mr. Jean-Jacques Deschamps, Directeur Adjoint, ANSP Martinique, French Antilles-Guyane
Dr. Joyce Blokland-Wijnstein, Permanent Secretary, Directorate of Transport and Communication, Suriname
Mr. Faizel Baarn, Head of Civil Aviation Department, Suriname
Mr. Anjulio R. Wolf, Director, CASAS, Suriname
Mr. Marcus Doller, Air Safety Support Intl. (ASSI), United Kingdom
Mr. Bruce D'Ancey, Policy Specialist, Flight Ops, Air Safety Support International (ASSI), United Kingdom

ATTACHMENT A

TENTATIVE AGENDA

CAR/SAM Seminar on Space Weather and ICAO Weather Information Exchange Model (IWXXM) (Panama City, Panama, 16 to 20 July 2018))

Agenda

Item 1:

Implementation of the ICAO Weather Information Exchange Model (IWXXM)

- 1.1 Requirements introduced by Amendment 78 to Annex 3.
- 1.2 Infrastructure necessary for the implementation of the IWXXM
- 1.3 Regional coordination for the implementation of the IWXXM
- 1.4 Demonstrations of OPMET messages exchanges through the IWXXM.

Agenda

Item 2:

Space Weather

- 2.1 Space phenomena
- 2.2 Observation and forecasts systems.
- 2.3 Notable events
- 2.4 Requirement of information on space weather conditions established by Amendment 78 to Annex 3 - Meteorological Service for International Air Navigation.
- 2.5 Use and interpretation of the information contained in Table A2-3 and Attachment E of Annex 3 (Amendment 78)
- 2.6 Effects of space phenomena on international air navigation.

Agenda

Item 3:

Additional elements of Amendment 78 to Annex 3 - Meteorological Service for International Air Navigation.

- 3.1 Information on the release of radioactive material.
- 3.2 Improvements in the supply of SIGMET information by the Meteorological Surveillance Offices (MWO - OVM).
- 3.3 Other points subject to amendments.

Agenda

Item 4:

Other matters

ATTACHMENT A

EXPLANATORY NOTES

Agenda

Item 1: Implementation of the ICAO Weather Information Exchange Model (IWXXM)

Under this Agenda Item, the Seminar will analyze the emerging issues related to the implementation of the ICAO Weather Information Exchange Model. The experts will present the requirements introduced in Amendment 78, the necessary infrastructures and the necessary regional coordinations for their implementation. Tools will be provided for the development of messages in XML format as well as for their exchange. Additionally, indications for the insertion of meteorological messages in a SWIM environment will be provided.

Agenda

Item 2: Space Weather

Under this Agenda Item, all aspects that should be considered to support the introduction of advisory information on space weather conditions will be discussed, which ICAO has contemplated in amendment 78 to Annex 3 in order to increase the safety and efficiency of international air navigation, in accordance with the Global Air Navigation Plan. Due to the pressing need to introduce the service, the world service is introduced as a priority, and later the introduction of regional models of integrated services will be considered. The experts will present all the points related to the obtaining and management of information about space phenomena, as well as their effects on air navigation.

Agenda

Item 3: Additional elements of Amendment 78 to Annex 3 - *Meteorological Service for International Air Navigation.*

Under this Agenda Item, the ICAO Technical Officers and other experts will provide relevant information on other points introduced by amendment 78 to Annex 3 related mainly to SIGMET messages and the release of radioactive material, and other issues associated with it.

Agenda

Item 4: Other matters

Under this question Agenda Item, other issues that have not been covered by the previous points and that are of interest for the implementation of the requirements of amendment 78 to Annex 3 will be addressed.

ADJUNTO B



ORGANIZACIÓN DE AVIACIÓN CIVIL INTERNACIONAL / INTERNATIONAL CIVIL
AVIATION ORGANIZATION

Oficina Regional Sudamericana / South American Office

RLA/06/901 - Seminario NAM/CAR/SAM en Meteorología Espacial y Modelo de intercambios de
Mensajes Meteorológicos de la OACI /

RLA/06/901 – NAM/CAR/SAM Seminar on Space Weather and ICAO Weather Information
Exchange Model (IWXXM)

Ciudad de Panamá, Panamá, 16 – 20 julio 2018 / Panama City, Panama, 16 – 20 July 2018

FORMULARIO DE REGISTRO / REGISTRATION FORM

1. Estado/*State &*
Organismo/*Organization:* _____

2. Nombre/*Name:* _____

3. Cargo/*Position:* _____

4. Participa como / *Participates as:*

Miembro /*Member* Alterno/ /*Deputy* Delegado/ /*Delegate* Observador /*Observer* Ponente/ /*Lecturer* Instructor/ /*Instructor* Alumno/ /*Student*

5. Tel.: _____ E-mail: _____

6. Hotel o dirección en
la ciudad/ *Hotel or*
local address: _____

7. Información de vuelo/ *Flight information:* Vuelo llegada/ fecha/ hora/
Arrival flight/ date/ hour: _____

Vuelo salida/ fecha/ hora/
Departure flight/ date/ hour: _____

Firma/
Signature: _____ Fecha/ *Date:* _____